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NPIC/R-1464/63

September 1963

PHOTOGRAPHIC INTERPRETATION REPORT

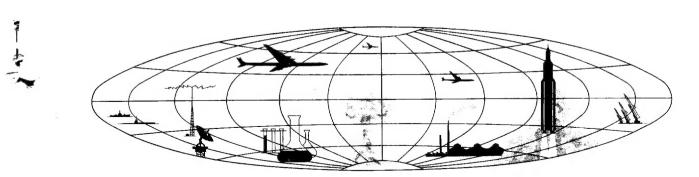
BRASS KNOB MISSION 3715 8 SEPTEMBER 1963





Declass Review by NIMA/DOD

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
F.xcluded from automotic
downgrading and declassification

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WARNING

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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3715, DATED 8 SEP 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

	-MISSILES-		
	SAN JULIAN AIRFIELD SAM SITE 2205N 08408W] 25X1
	SITE 1 6 CANVAS-COVERED REVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIE GUIDANCE AREA OBSERVED. SITE 2 FOUR CANVAS-COVERED MISSILE TRANSPORTERS, 15 PRIME MOVERS, AND 11 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.	D	
25X1			25X1
	SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W		
	SIX REVETTED CANVAS-COVERED LAUNCHERS, 2 CANVAS-COVERED HOLD POSITIONS, ONE CARGO TRUCK, ONE UNIDENTIFIED VEHICLE, AND AN OCCUPIED REVETTED GUIDANCE AREA.		
25X1			25X1
0	CAIBARIEN SAM SITE 2228N Ø7929W		
	SIX LAUNCHERS OBSERVED.		

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NPIC/R-1464/63 25X1 25X1 JIGUANI SAM SITE 2021N 07620W SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. 25X1 25X1 CHAMBAS SAM SITE 2213N Ø7853W FIVE UNREVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS. AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS. 25X1 25X1 ESMERALDA SAM SITE 2155N Ø7813W SIX REVETTED LAUNCHERS, 6 MISSILE TRANSPORTERS, 6 TRACKED PRIME MOVERS, ONE VAN TRUCK, AND ONE CARGO TRUCK OBSERVED IN CLOUD-FREE AREAS. 25X1 25X1 SANTIAGO DE CUBA SAM SITE 1959N Ø755ØW SIX UNREVETTED LAUNCHERS, ONE MISSILE TRANSPORTER, AND AN OCCUPIED SHED-COVERED GUIDANCE AREA OBSERVED. 25X1 25X1 SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE 25X1 25X1

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NPIC/R-1464/63 25X1

CIFUENTES SAM ASSEMBLY AREA 2236N Ø8ØØ5W THREE LARGE TENTS, 6 UNIDENTIFIED PIECES OF EQUIPMENT. 13 UNIDENTIFIED VEHICLES, AND 4 CARGO TRUCKS OBSERVED. 25X1 25X1 MALDONADO SAM SITE 2012N 07528W SIX REVETTED LAUNCHERS, 6 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED. 25X1 25X1 CAMAGUEY AIRFIELD SAM SITE 2122N Ø775ØW SITE CONTAINS 6 UNREVETTED LAUNCHERS (4 WITH MISSILES), 7 MISSILE TRANSPORTERS (6 CANVAS-COVERED), 8 CARGO TRUCKS, 8 TRACKED PRIME MOVERS, 2 VAN TRAILERS, 7 TRUCK-TRACTORS, AND AN OCCUPIED GUIDANCE AREA. 25X1 25X1 HOLGUIN SAM SITE 2052N 07627W SIX SEMI-REVETTED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED). 2 VAN TRAILERS, AN UNDETERMINED NUMBER OF VEHICLES UNDER CANVAS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. 25X1 25X1 SANTIAGO DE CUBA CRUISE MISSILE STORAGE 2004N 07551W NO APPARENT CHANGE IN FACILITIES. TWENTY-SIX CRUISE-MISSILE CRATES OBSERVED. NO VEHICLES OBSERVED. 25X1 25X1 -AIRFIELDS-CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W

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	AIRCRAFT 11 HOUND, 14 FAGOT/FRESCO, AND ONE HARE.	,	
25X1			25X1
ė.	CAMAGUEY INTERNATIONAL AIRFIELD 2125N Ø7751W		
	AIRCRAFT 2 DERELICT FAGOT/FRESCO.		
25X1			25X1
	HOLGUIN AIRFIELD 2048N 07618W		
	AIRCRAFT 7 FAGOT/FRESCO AND ONE HARE.		
25X1			25X1
	SIGUANEA AIRFIELD 2138N Ø8257W]
	NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.		
25X1			25X1
	ANTONIO MACEO AIRFIELD 1958N Ø755ØW		
	AIRCRAFT ONE COOT, ONE CRATE, AND ONE HOUND.		
25X1			25X1
	SAN JULIAN AIRFIELD 2205N 08409W		
	NO AIRCRAFT OBSERVED.		
25X1			25X1
	COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W		
,	NO AIRCRAFT OBSERVED. ROOF COMPLETED ON THE SHOP OR TERMINAL BUILDING UNDE	ER	
25X1			

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	NPIC/R-1	464/63	
			25X1
BAYAMO	EAST AIRFIELD 2023N 07638W]
	AIRCRAFT 2 COLT AND ONE LIAISON. RUNWAY IS BEING RESURFACED WITH CRUSHED ROCK OR GRAVEL.		
5X1			
	PORTS		25X1
BANES P	PORT 2055N 07542W]
	NO LARGE VESSELS OBSERVED. THE ELEVEN CRATES REMAIN.		_
5X1			25X1
PUNTA A	ALEGRE PORT 2223N Ø7847W]
	NO LARGE VESSELS, MILITARY ACTIVITY OR EQUIPMENT OBSERVED.		-
5X1 [25X1
MANZANI	LLO PORT 2021N 07707W]
	VESSELS ONE FREIGHTER.		
5X1			25X1
SANTIAG	GO DE CUBA PORT 2001N 07550W]
	VESSELS 2 LARGE FREIGHTERS AND 2 LARGE TANKERS.		
5X1			25X1
NUEVITA	AS PORT 2132N Ø7716W]
	NO LARGE VESSELS OBSERVED.		
5X1			

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	W IC/A	25X1
NUI	EVA GERONA PORT 2153N Ø8248W	
	NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.	
25X1		
LA	ISABELA PORT 2256N Ø8ØØ1W	25X1
	VESSELS 3 SMALL PC.	
25X1		25X1
CAI	BARIEN PORT 2232N Ø7928W	
	ONE LARGE VESSEL OBSERVED IN HARBOR.	
25X1		25X1
CAS	ILDA PORT 2145N Ø7959W	
	NO LARGE VESSELS OBSERVED.	
25X1		25X1
Juc	ARO PORT 2137N Ø7851W	
	VESSELS ONE LARGE FREIGHTER ANCHORED SOUTH OF P	PORT
25X1		
SAN	TA LUCIA PORT 224ØN Ø8358W	25X1
	ONE LARGE VESSEL ANCHORED NORTH OF PORT.	
25X1		
PUEF	RTO PADRE PORT 2113N Ø7632W	25X1
	VESSELS ONE LARGE FREIGHTER OBSERVED IN CLOUD-F	
25X1		

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	SIGUANEA BOAT BASIN 2137N Ø8258W	
	VESSELS ONE KRONSHTADT-CLASS PC AND ONE UNIDENTIFIED VESSEL. FIVE UNIDENTIFIED VEHICLES OBSERVED.	
25X1		
	-MILITARY ACTIVITY-	25X1
	GUANTANAMO AREA 1 2005N 07523W	7
	NO APPARENT CHANGE IN CLOUD-FREE AREAS.	_
25X1		25X1
	HOLGUIN AREA, MILITARY CAMP 2053N 07614W	7
25X1 25X1	NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE	
	CAMAGUEY MILITARY CAMP 1 2121N Ø7751W	25X1
	NO APPARENT CHANGE SINCE	25X1
25X1		25X1
	ALTO CEDRO, MILITARY CAMP 2029N 07600W	7
25X1	AREAS 1-8 NO APPARENT CHANGE SINCE AREA 9 AT LEAST 13 TANKS/SP GUNS AND 8 UNIDENTIFIED	25X1
	VEHICLES.	
25X1		25X1
	SANTA CLARA AREA, MILITARY ACTIVITY 2221N Ø7957W	7
	SIXTEEN TANKS/SP GUNS, 12 CARGO TRUCKS, AND 3 UTILITY TRUCKS OBSERVED.	_

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25X1		
	CAMAGUEY MILITARY CAMP 2126N Ø7753W	25X1
	NO APPARENT CHANGE IN FACILITIES. SEVEN CARGO TRUCKS AND ONE VAN TRUCK OBSERVED.	
25X1		
	SANTA FE MILITARY CAMP LUMUMBA 2142N Ø8249W	25X1
	FOURTEEN CARGO TRUCKS AND 4 FA PIECES OBSERVED.	
25X1		
	GUANE, MILITARY CAMP 2212N Ø84Ø8W	25X1
	SEVEN POSSIBLE TANKS/SP GUNS AND 22 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.	
25X1		25X1
	HOLGUIN MILITARY CAMP NW 2057N 07616W	
	NO APPARENT CHANGE IN FACILITIES. NINETEEN TANKS/SP GUNS AND 9 CARGO TRUCKS OBSERVED	•
25X1		
	ALTAGRACIA, MILITARY AREA 2124N Ø7742W	25X1
	NO APPARENT CHANGE IN FACILITIES. NINE TANKS/SP GUNS OBSERVED.	
25X1		
*	MINAS, MILITARY CAMP 2127N Ø7734W	25X1
	NO APPARENT CHANGE IN FACILITIES. SIXTEEN UNIDENTIFIED VEHICLES OBSERVED.	
25X1		
	<u> </u>	

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25X1

SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N Ø8ØØØW AREA 1 -- 13 CARGO TRUCKS AND 8 AAA PIECES. AREA 2 -- 5 CARGO TRUCKS. THE 6-GUN AAA SITE REMAINS OCCUPIED. AREA 3 -- ONE CARGO TRUCK AND ONE UTILITY TRUCK. 3-GUN AAA SITE REMAINS OCCUPIED. AREA 4 -- 17 CARGO TRUCKS AND 2 UNIDENTIFIED OBJECTS. AREA 5 -- 19 TANKS/SP GUNS, 14 CARGO TRUCKS, AND ONE CANVAS-COVERED UNIDENTIFIED VEHICLE. ONE OF THE TWO 3-GUN AAA SITES REMAINS OCCUPIED. 25X1 25X1 TACAJO MILITARY CAMP 2051N 07558W AREA 1 -- 33 CARGO TRUCKS, 4 UTILITY TRUCKS, AND ONE VAN TRUCK. AREA 2 -- NO MILITARY EQUIPMENT OBSERVED. AREA 3 -- 21 CARGO TRUCKS AND 18 FA PIECES. AREA 4 - 30 CARGO TRUCKS AND AT LEAST 17 FA PIECES. AREA 5 - 7 CARGO TRUCKS, 9 UTILITY TRUCKS, ONE VAN TRUCK, AND 3 UNIDENTIFIED VEHICLES. AREA 6 -- 6 CARGO TRUCKS. AREA 7 -- NO VEHICLES OR EQUIPMENT OBSERVED. 25X1 25X1 DOS CAMINOS MILITARY INSTALLATION 2014N 07547W 25X1 NO APPARENT CHANGE SINCE 25X1 25X1 LA VEGUITA MILITARY CAMP 2049N 07615W NO APPARENT CHANGE IN FACILITIES. SEVENTEEN CARGO TRUCKS AND 12 FA PIECES OBSERVED IN CLOUD-FREE AREAS. 25X1

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	NPIC/R-1464/63 2	5X1
•	SANTIAGO DE CUBA, MILITARY TRAINING AREA 2002N 07550W]
	NO APPARENT CHANGE IN FACILITIES. ELEVEN UNIDENTIFIED VEHICLES OBSERVED.	
25X1,	2	5X1
	CHARCO DEL JOBO MILITARY AREA 2047N 07615W	
	NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 15 FA PIECES OBSERVED IN CLOUD-FREE AREAS.	
25X1	2	5X1
	SIBONEY LANDING BEACH 1957N Ø7542W	
25X1	AT LEAST 2 MEDIUM TENTS (NOT OF A KNOWN SOVIET TYPE), 12 TRACKED PRIME MOVERS, AND 3 OCCUPIED 6-GUN FA POSITIONS OBSERVED AT 18Q VT 215110. ONE MEDIUM AND 3 LARGE TENTS (NONE OF A KNOWN SOVIET TYPE), 24 CANVAS-COVERED PROBABLE MORTARS, ONE CARGO TRUCK, AND ONE UTILITY TRUCK OBSERVED AT 18Q VT 195107.	
		5X1
	-MISCELLANEOUS ACTIVITY-	
	LA ROSITA STORAGE DEPOT BARAJAGUA 2208N 08004W	
	NO APPARENT CHANGE IN FACILITIES. ONE VEHICLE OBSERVED.	
25X1	2	5X1
	SANTA CLARA MILITARY INSTALLATION CUBANACAN 2224N Ø7953W	
2574	FOUR VAN TRUCKS AT CUBANACAN AND APPROXIMATELY 10 VEHICLES AT STORAGE AREA NORTH.	
25X1		

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25X1

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2100N 07541W

2113N Ø77Ø2W

25X1 25X1 -STATUS OF OTHER TARGETS-THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE 25X1 SINCE LAST COVERAGE--2243N Ø8ØØ1W SAGUA LA GRANDE MRBM SITE 1 2239N Ø7951W SAGUA LA GRANDE MRBM SITE 2 2004N 07509W LOS CANOS AIRFIELD 2044N Ø7539W PRESTON AIRFIELD 2039N 07454W MOA PORT VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W 2007N 07546W EL CRISTO, MILITARY INSTALLATION 2006N 07700W LAS MERCEDES, MILITARY CAMP 2051N 07617W HOLGUIN AREA, MILITARY CAMP SOUTHWEST 2006N 07533W PERSEVERANCIA MILITARY CAMP 2006N 07535W TI ARRIBA MILITARY CAMP 1958N Ø7457W PLAYA YATERITAS LANDING BEACH 1957N Ø7557W MAR VERDE LANDING BEACH 2154N Ø8246W PLAYA COLOMBO LANDING BEACH 2153N Ø8243W PLAYA DE FLAMENCOS LANDING BEACH 2042N 07533W NICARO LANDING BEACH THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT 25X1 NOT INTERPRETED --2225N Ø7935W REMEDIOS IRBM SITE 2202N 08024W CIENFUEGOS SAM SITE

LOS ANGELES SAM SITE

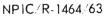
MANATI SAM SITE

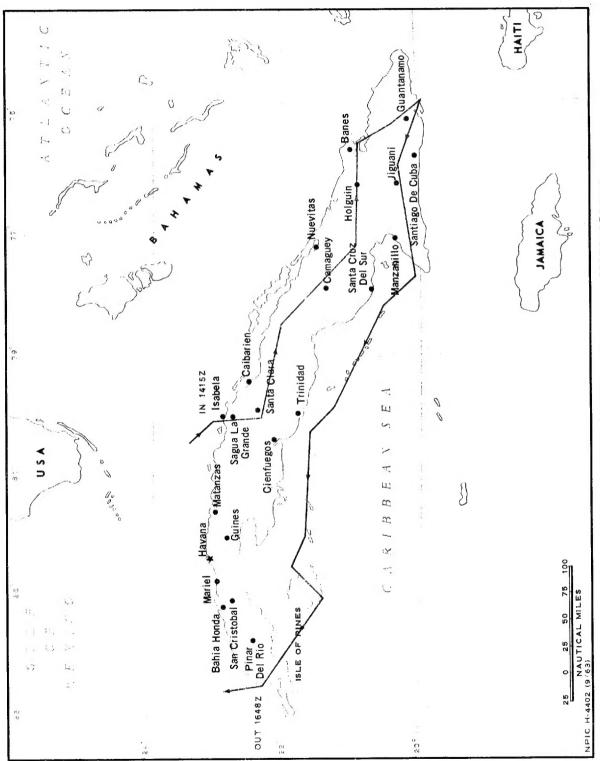
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NPIC/R-1464/63 25X1

CIEGO DE AVILA SAM SITE CIEGO DE AVILA, SAM ASSEMBLY AREA VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA BANES CRUISE-MISSILE SITE JAIME GONZALES AIRFIELD TRINIDAD AIRFIELD BARACOA PORT CIENFUEGOS PORT OFELIA, MILITARY CAMP REMEDOS MILITARY CAMP SAN GERMAN DEPOT UG CARIDAD FINCA CAYO LARGO LA JUTIA AREA, MILITARY INSTALLATION TRINIDAD AREA, POSS MIL HEADQUARTERS SANTA ISABEL FINCA MILITARY CAMP JAGUA, MILITARY AREA TUMBADERO TANK TRAINING AREA CIENFUEGOS LANDING BEACH ENSENADA COLORADO LANDING BEACH MAYARI ARRIBA, MILITARY INSTALLATION	2142N Ø785ØW 2152N Ø7844W 21Ø4N Ø77ØØW 2Ø58N Ø7538W 22Ø9N Ø8Ø25W 2147N Ø7959W 2Ø21N Ø743ØW 2ØØ6N Ø753ØW 22Ø9N Ø8Ø27W 2ØØ6N Ø753ØW 2138N Ø8129W 2138N Ø8129W 2155N Ø8Ø16W 215ØN Ø7953W 20Ø5N Ø7953W 20Ø5N Ø7953W 20Ø5N Ø7958W 22Ø5N Ø8Ø29W 21Ø4N Ø7558W 22Ø2N Ø8Ø36W 22Ø2N Ø8Ø36W 22Ø2N Ø8Ø25W 20Ø27N Ø7531W	
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25X1





APPROXIMATE TRACK OF BRASS KNOB MISSION 3715, 8 SEPTEMBER 1963

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